

10/594827

S/N New ApplicationPATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Pedro Chaparro Monferrer et al.	Examiner:	Unknown
Serial No.:	New Application	Group Art Unit:	Unknown
Filed:	Herewith	Docket:	P23882
Title:	LEAKAGE POWER ESTIMATION		

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the referenced materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Serial No: Unknown  
Filing Date: Unknown  
Title: LEAKAGE POWER ESTIMATION

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signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

Respectfully submitted,

PEDRO CHAPARRO MONFERRER, ET AL.

By their Representatives,

**CUSTOMER NUMBER: 50890**

720-840-6740

Date Sept. 28, 2006

By Ramin Aghevli  
Ramin Aghevli  
Reg. No. 43,462

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 28 \_ day of September 2006.

Kyrstin Ryan

Name

Kyrstin Ryan  
Signature

**IAP5 Rec'd PCT/PTO 28 SEP 2006**

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				Application Number	Unknown
				Filing Date	Even Date Herewith
				First Named Inventor	Monferrer, Pedro
				Art Unit	Unknown
				Examiner Name	Unknown
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US PATENT DOCUMENTS					
Examiner Initial *	Cite No	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
		US-2005/0071694A1	03/31/2005	Gonzalez, Jose et al.	09/29/2003

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BORKAR, SHEKHAR , "Design Challenges of Technology Scaling", <u>Intel Corporation 0272-1732/99 IEEE</u> , (July - August 1999), pgs. 23-29	
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		BROOKS, DAVID , et al., "Dynamically Exploiting Narrow Width Operands to Improve Processor Power and Performance", <u>Fifth International Symposium on High-Performance Computer Architecture (HPCA-5)</u> , (January 1999), 10 pgs.	
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				Application Number	Unknown
				Filing Date	Even Date Herewith
				First Named Inventor	Monferrer, Pedro
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	2	of	3	Attorney Docket No: P23882	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
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Sheet	3	of	3	Attorney Docket No: P23882	

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		ZHANG, YAN , et al., "HotLeakage: A Temperature-Aware Model of Subthreshold and Gate Leakage for Architects", <u>University of Virginia Dept. of Computer Science Tech Report CS-2003-05</u> , (March 2003), 15 pgs.	

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